

FIG. 1A

778158960463

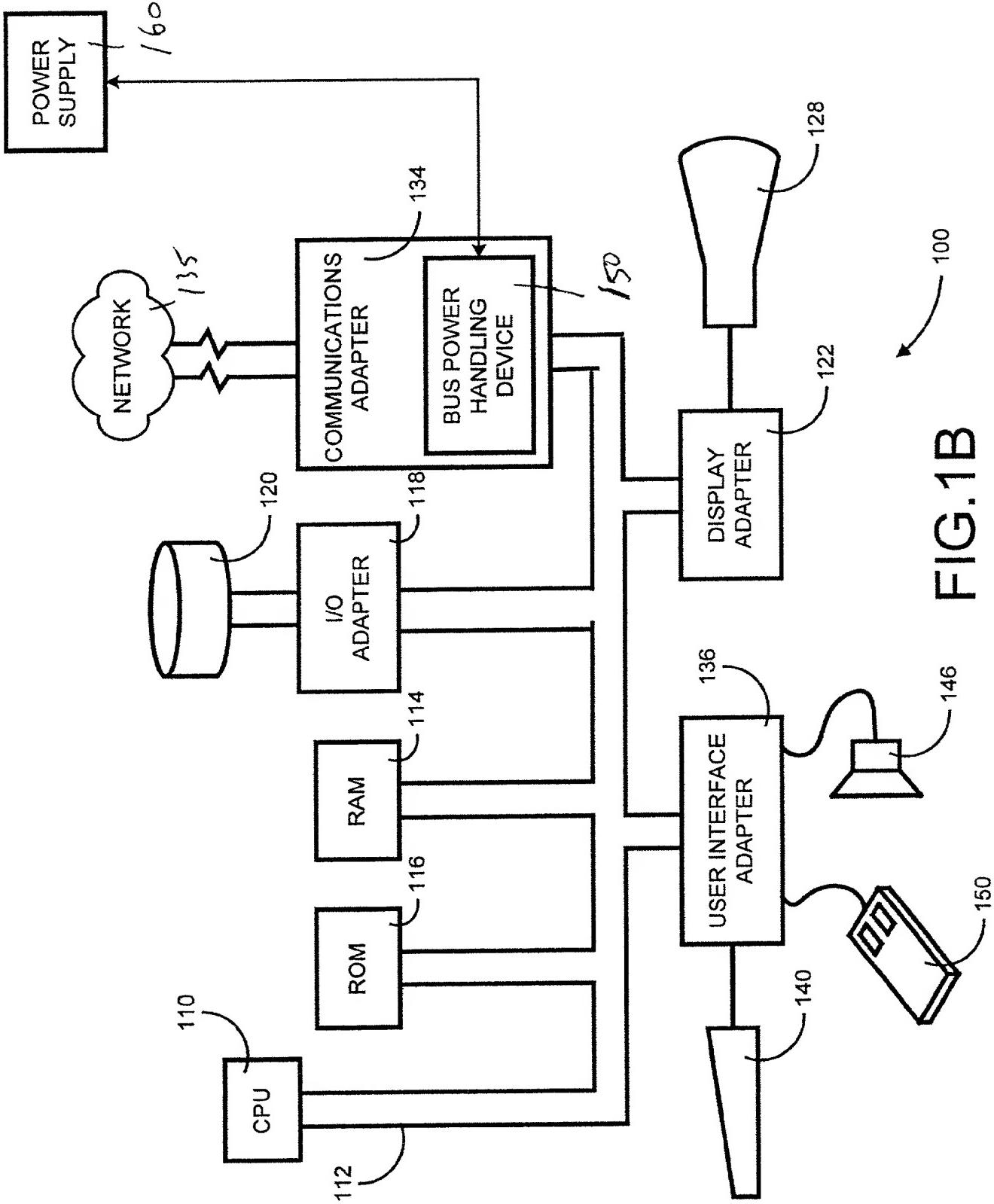


FIG. 1B

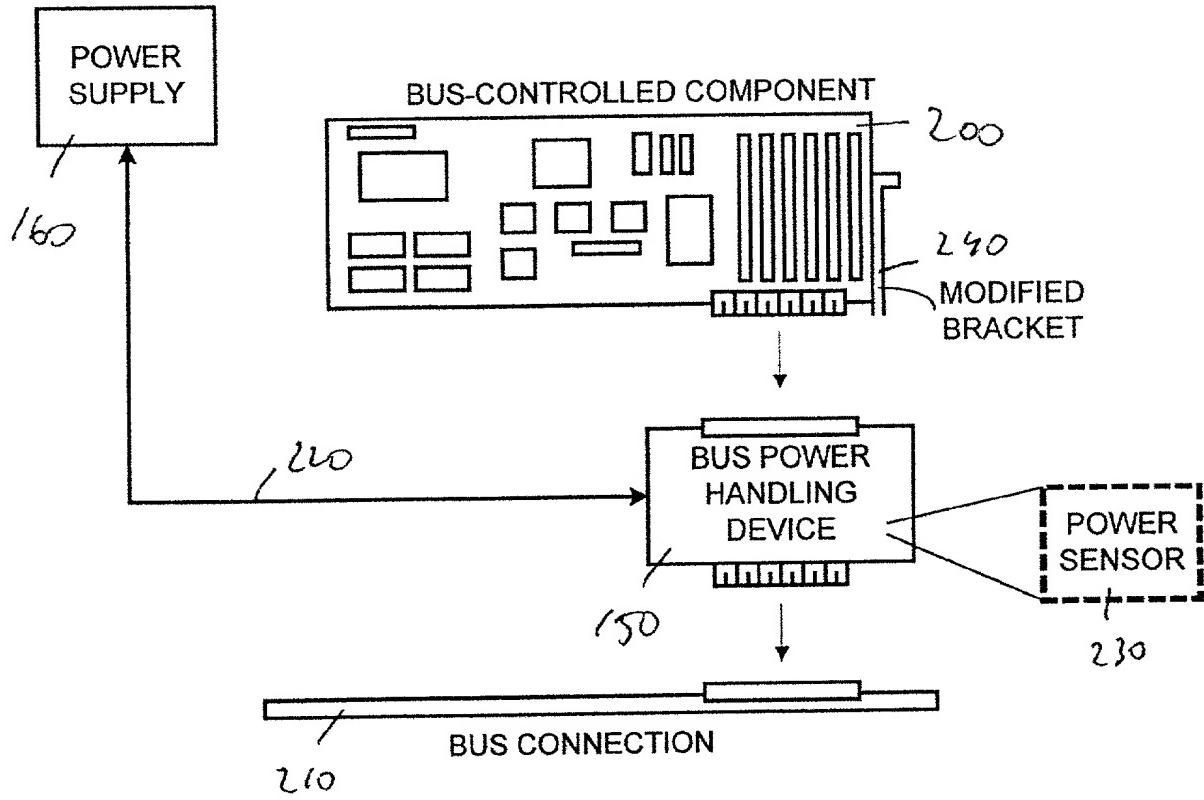


FIG. 2A

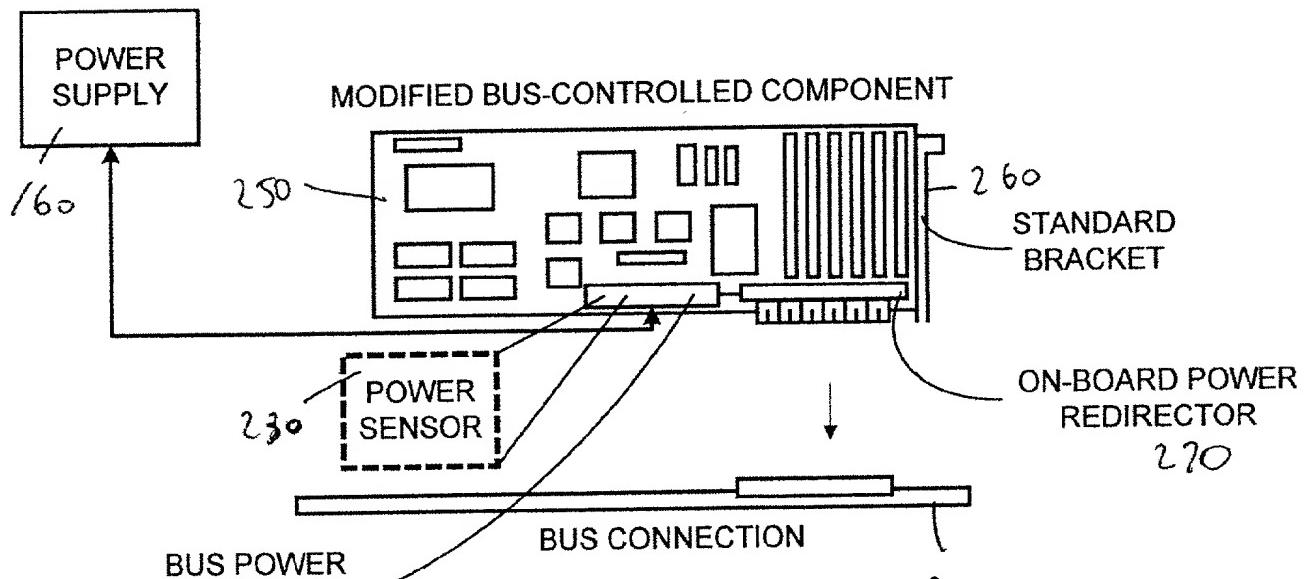


FIG. 2B

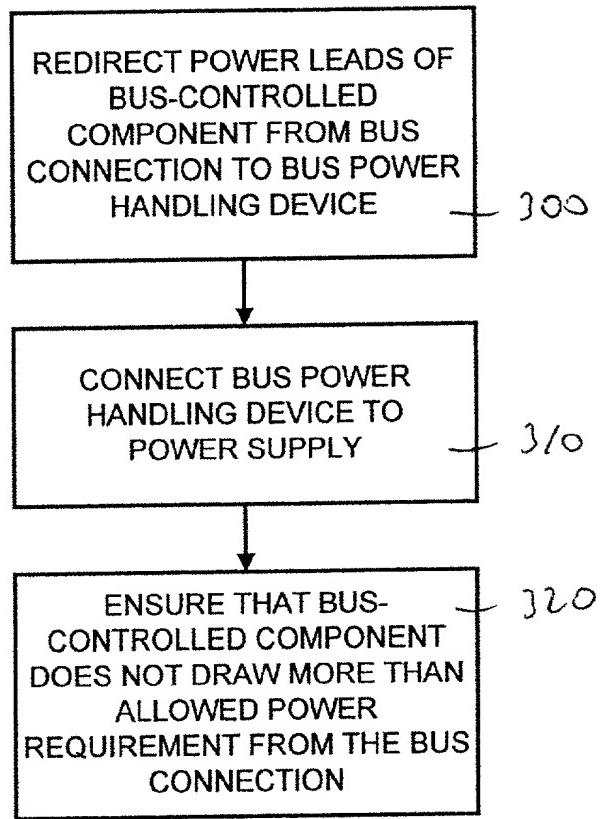


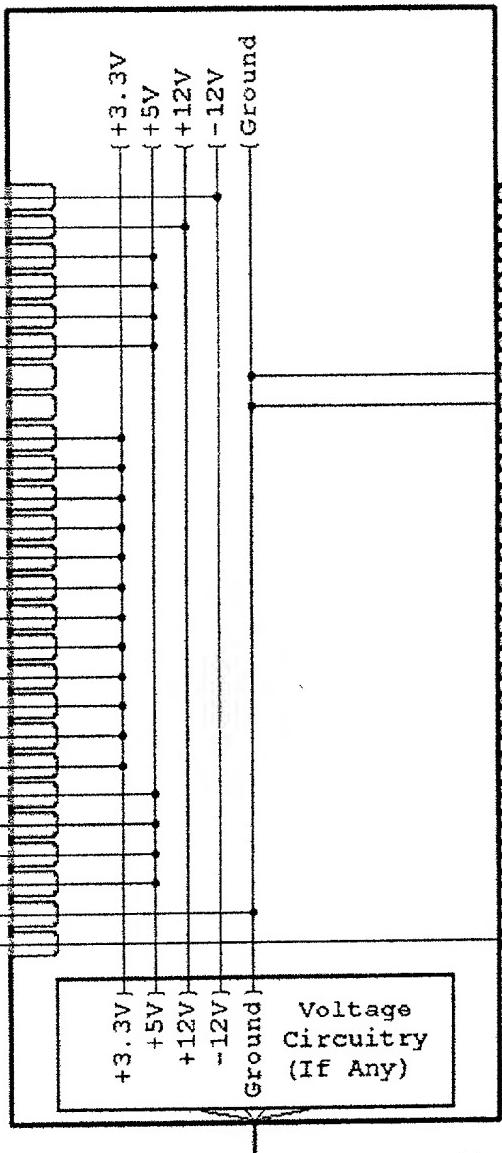
FIG. 3

~~PCI Power Consumption~~
PCI Power Handling Device (First
Adapter & Connector Pins Embodiment)

Existing PCI Card
Connector Pins

Expected
Connection Pin
Number

-12V	B1
+12V	A2
+5V	B5
+5V	A5
+5V	B6
+5V	A8
PRSNT1#	B9
PRSNT2#	B11
+3.3V	A21
+3.3V	B25
+3.3V	A27
+3.3V	B31
+3.3V	A33
+3.3V	B36
+3.3V	A39
+3.3V	B41
+3.3V	B43
+3.3V	A45
+3.3V	A53
+3.3V	B54
+5V	B61
+5V	A61
+5V	B62
+5V	A62
Ground	*
**	***



PCI Bus Connector Pins (On Motherboard)	Pin Number	Connection Offered
	B1	-12V
	A2	+12V
	B5	+5V
	A5	+5V
	B6	+5V
	A8	+5V
	B9	PRSNT1#
	B11	PRSNT2#
	A21	+3.3V
	B25	+3.3V
	A27	+3.3V
	B31	+3.3V
	A33	+3.3V
	B36	+3.3V
	A39	+3.3V
	B41	+3.3V
	B43	+3.3V
	A45	+3.3V
	A53	+3.3V
	B54	+3.3V
	B61	+5V
	A61	+5V
	B61	+5V
	A62	+5V
	*	Ground
	***	**

PCI male connection pin.
 PCI female connection pin.
 PCI connection pin through which no connection passes.

Line to Power Supply Leads

** All other PCI connections not explicitly listed.

*** Corresponding pin numbers for all ** not explicitly listed.

- * Ground connection pin numbers: B3, B15, B17, A16, B22, A24, B28, A30, B34, A35, A37, B38, A42, B46, A48, A56, B57, A63, B64, B67, A69, A72, B73, B76, A78, A81, B82, B85, A87, A90, B91, A93, and B94.

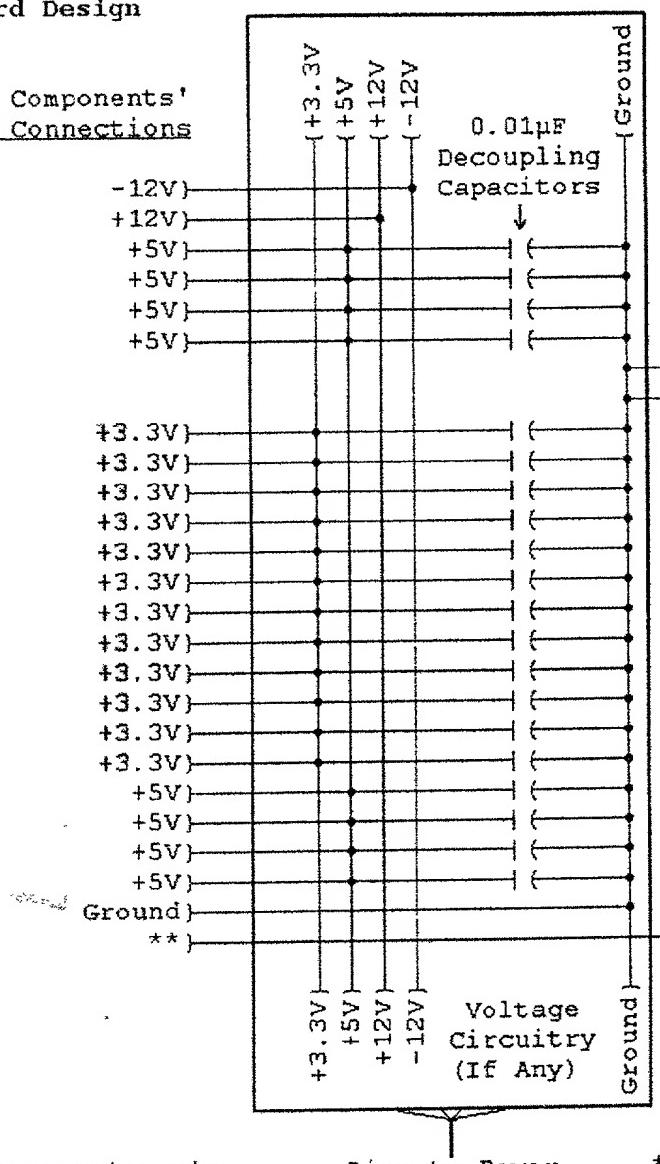
FIG. 4A

PCI Bus Power Handling Device (SECOND EDITION)

~~On Board PCI~~
~~Distribution Center~~

New PCI Card Design

Possible Components' Expected Connections



PCI Bus Connector Pins (On Motherboard)

Pin Number	Connection Offered
B1	-12V
A2	+12V
B5	+5V
A5	+5V
B6	+5V
A8	+5V
B9	PRSNT1#
B11	PRSNT2#
A21	+3.3V
B25	+3.3V
A27	+3.3V
B31	+3.3V
A33	+3.3V
B36	+3.3V
A39	+3.3V
B41	+3.3V
B43	+3.3V
A45	+3.3V
A53	+3.3V
B54	+3.3V
B61	+5V
A61	+5V
B61	+5V
A62	+5V
*	Ground
***	**

Connection Pins on
the PCI Card

- PCI male connection pin.
- PCI female connection pin.
- PCI connection pin through which no connection passes.

Line to Power Supply Leads

** All other PCI connections not explicitly listed.

*** Corresponding pin numbers for all ** not explicitly listed.

- * Ground connection pin numbers: B3, B15, B17, A16, B22, A24, B28, A30, B34, A35, A37, B38, A42, B46, A48, A56, B57, A63, B64, B67, A69, A72, B73, B76, A78, A81, B82, B85, A87, A90, B91, A93, and B94.

FIG. 4B